

SERVICE INSTALLATION CHECKLIST

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 6/23/2015	Man Days: 1
Inspection Unit: Springfield	
Location of Audit: Chatham	
Exit Meeting Contact: Bob Roth	
Inspection Type: Design Testing and Construction	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

CONSTRUCTION INFORMATION		
Location of Construction: KS Energy was installing new gas service lines in Chatham, Illinois, at the following locations. 304 Spruce Street 308 Spruce Street 312 Spruce Street 313 Spruce Street	Construction Performed By: KS Energy	
Contractor Foreman:	Kevin Clayton, Foreman	
Operator Inspector:	Nate Chandler	
Person(s) On Job Site		
Randy Zucker		
Description of Construction: KS Energy was installing new 1/2" plastic service lines in Chatham. A new 4" plastic main had already been installed, and they were converting the old service line over using new 1/2" Driscopex pipe.		

SERVICE INSTALLATION		Status
[192.55]	Steel	No
General Comment: <i>The system that was being installed is all plastic pipe.</i>		

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[192.59]	PE	Yes
<u>General Comment:</u> <i>1/2" Driscoplex pipe was being used.</i>		
[192.59]	Other	No
<u>General Comment:</u> <i>No other pipe was installed during this audit.</i>		
[192.619,192.621,192.623]	MAOP	60#
[192.5]	Class location :	Class 3
[192.53]	Are components qualified for use?	Satisfactory
<u>General Comment:</u> <i>All components were marked and are qualified.</i>		
[192.63(a)(2)]	Pipe Size :	1/2 inch
[192.55,192.59]	Specification :	ASTM D-2513
[192.55,192.59]	Manufacturer :	Driscoplex
[192.55,192.59]	Pipe Grade :	PE 2406/2708
[192.55,192.59]	Wall Thickness :	0.90
[192.63]	Are pipe, valves, and fittings properly marked for identification?	Satisfactory
<u>General Comment:</u> <i>All fittings were properly marked during this audit.</i>		
[192.227]	Welder qualification date:	Not Applicable
<u>General Comment:</u> <i>No welding was conducted during this audit.</i>		
[192.227]	Welder's Name:	Not Applicable
<u>General Comment:</u> <i>No welding was conducted during this audit</i>		
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	Satisfactory
<u>General Comment:</u> <i>Pipe was being installed following approved written procedures.</i>		
[192.285]	Date of Qualification :	3-18-15
<u>General Comment:</u> <i>Qualification dates are 3-18-15 to 3-18-16</i>		

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[192.285]	Joiner's name:	Randy Zucker
[192.455]	Is buried metallic pipe coated?	Not Applicable
<u>General Comment:</u> <i>Staff did not inspect metallic pipe during this audit.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	Not Applicable
<u>General Comment:</u> <i>Staff did not inspect metallic pipe during this audit. Pipe being installed was plastic.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	No
<u>General Comment:</u> <i>Staff did not inspect any piping for cathodic protection during this audit.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	No
<u>General Comment:</u> <i>The system that was installed was all plastic.</i>		
[192.461]	Does coating meet 192.461?	Not Applicable
<u>General Comment:</u> <i>All piping that was inspected was plastic.</i>		
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	Not Applicable
<u>General Comment:</u> <i>All piping that was inspected was plastic.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	Satisfactory
<u>General Comment:</u> <i>Above ground piping was coated and painted.</i>		
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	Not Checked
<u>General Comment:</u> <i>All piping that was inspected was plastic.</i>		
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	Satisfactory
<u>General Comment:</u> <i>Service lines were directional bored from the gas main to the house.</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	Satisfactory

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<u>General Comment:</u>		
Service lines were installed to minimize shear forces.		
[192.321]	Does plastic pipe have means of locating while underground?	Satisfactory
<u>General Comment:</u>		
Locating wire was installed with the main and service lines.		
[192.325]	Are required clearances from underground structures being maintained?	Satisfactory
<u>General Comment:</u>		
Clearance was being maintained during service line installation.		
[192.327(a)]	Is required cover being obtained for the service line?	Satisfactory
<u>General Comment:</u>		
The correct cover was being obtained on these service lines.		
[192.503]	Are general testing requirements being met?	Satisfactory
<u>General Comment:</u>		
Service lines were air tested to 102 psig for 10 minutes.		
[192.517]	Are records being made of strength and leak tests?	Satisfactory
<u>General Comment:</u>		
Records are being maintained of the leak test.		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	Satisfactory
<u>General Comment:</u>		
Staff inspected the qualification records of the two employees at the job site.		
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	Not Applicable
<u>General Comment:</u>		
No non-qualified employees were at this job site.		
[192.805(c)]	Were span of control limitations being followed?	Not Applicable
<u>General Comment:</u>		
All employee were qualified at this job site.		
Was a Protocol 9 (Form 15) Completed?		No
<u>General Comment:</u>		
A protocol 9 was not performed during this audit.		
[192.614]	Were One Call Notifications performed as required?	Satisfactory

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<u>General Comment:</u> <i>The Julie dig number is listed below.</i>		
[192.614]	Dig Ticket #	X001481931
[192.383(b)]	Is an EFV installed on any new or replaced service line serving a single-family residence?	Satisfactory
<u>General Comment:</u> <i>EFV's were installed on service lines as close to the main as possible.</i>		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	Satisfactory
<u>General Comment:</u> <i>Steps were taken to minimize accidental ignition.</i>		

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